

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Eilon BARNEA et al

Serial No.: 10/705,459

Filed: - - November 12, 2003. -

For: Method Of Identifying Peptides Capable Of Binding To Mhc Molecules, Peptides Identified Thereby And Their Uses

Examiner:

Group Art Unit: 1644

Attorney
Docket: 26884

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

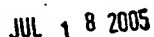
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Respectfully submitted,

Martin O. Moynihan

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Dated: July 4, 2005



Approved for use through 07/31/2006. OMB 0651-0031

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Application Number	10/705,459
Filing Date	November 12, 2003
First Named Inventor	BARNEA Eilon et al
Art Unit	1644
Examiner Name	
Attorney Docket Number	26884

Sheet

of

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ² Number ⁴ Kind Code ⁵ (if known)				
	5	PCT WO 02/072606	09-19-2002	Hildebrand et al.		
	6	PCT WO 02/069198	06-6-2002	Hildebrand et al.		
	7	PCT WO 02/056908	07-25-2002	Hildebrand et al.		
	8	PCT WO 02/30964	04-18-2002	Hickman et al.		
	9	PCT WO 02/062846	08-15-2002	Hildebrand et al.		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	10/705,459	
			Filing Date	November 12, 2003	
			First Named Inventor	BARNEA Eilon et al	
			Group Art Unit	1644	
			Examiner Name		
Sheet		Of		Attorney Docket Number	26884
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	10	Hunt et al. "Characterization of Peptides Bound to Class I MHC Molecule HLA-A2.1 by Mass-Spectrometry", Science, 255(5049): 1261-1263, 1992.			
	11	Cox et al. "Identification of a Peptide Recognized by Five Melanoma-Specific Human Cytotoxic T Cell Lines", Science, 264(5159): 716-719, 1994.			
	12	Zarling et al. "Phosphorylated Peptides Are Naturally Processed and Presented by Major Histocompatibility Complex Class I Molecules in Vivo", Journal of Experimental Medicine, 192(12): 1755-1762, 2000.			
	13	Flad et al. "Direct Identification of Major Histocompatibility Complex Class I-Bound Tumor-Associated Peptide Antigens of a Renal Carcinoma Cell Line by a Novel Mass Spectrometric Method", Cancer Research, 58(24): 5803-5811, 1998.			
	14	Li et al. "Frequent Methylation of Estrogen Receptor in Prostate Cancer: Correlation With Tumor Progression", Cancer Res., 60: 702-706, 2000.			
	15	Baldwin "Antibodies to Fetal Antigens Associated With Rodent Tumours", Ciba Found Symp., 96: 230-241, 1983. Abstract.			
	16	Belinsky et al. "A Microassay For Measuring Cytosine DNA Methyltransferase Activity During Tumor Progression", Toxicol Lett., 82-83: 335-340, 1995. Abstract.			
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	18	Biran et al. "On the Oncodevelopmental Role of Human Imprinted Genes", Med. Hypotheses, 43(2): 119-123, 1994. Abstract.			
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	21	El-Deiry et al. "High Expression of the DNA Methyltransferase Gene Characterizes Human Neoplastic Cell and Progression Stages of Colon Cancer", Proc. Natl. Acad. Sci., 88(8): 3470-3474, 1991. Abstract.			
	22	Jager et al. "Vaccination for Malignant Melanoma: Recent Development", Oncology, 60(1): 1-7, 2001. Abstract.			
	23	Knutson et al. "Expansion of HER2/Neu-Specific T Cells Ex Vivo Following Immunization With a HER2/Neu Peptide-Based Vaccine", Clin. Breast Cancer, 2(1): 73-79, 2001. Abstract.			
	24	Pilat et al. "Examination of the DNA Methylation Properties in Nontumorigenic and Tumorigenic Breast Epithelial Cell Lines", Anticancer Res., 18(4A): 2575-2582, 1998. Abstract.			
	25	Sinkovics et al. "Vaccination Against Human Cancer (Review)", Int. J. Oncol., 16(1): 81-96, 2000. Abstract.			
	26	Szyf "The DNA Methylation Machinery as a Target for Anticancer Therapy", Pharmacol. Ther., 70(1): 1-37, 1996. Abstract.			
	27	Szyf "Targeting DNA Methyltransferase in Cancer", Cancer Metastasis Rev., 17(2): 219-231, 1998. Abstract.			
	28	Wiesmuller et al. "Peptide Vaccines and Peptide Libraries", Biol. Chem., 382(4): 571-579, 2001. Abstract.			
	29	Barnea et al. "Analysis of Endogenous Peptides Bound by Soluble MHC Class I Molecules: A Novel Approach for Identifying Tumor-Specific Antigens", Eur. J. Immunol., 32: 213-222, 2002.			

	30	Zappacosta et al. "The Murine Liver-Specific Nonclassical MHC Class I Molecule Q10 Binds a Classical Peptide Repertoire", The Journal of Immunology, 164: 1906-1915, 2000.	
	31	Niederreither et al. "Expression of T:G Mismatch-Specific Thymidine-DNA Glycosylase and DNA Methyl Transferase Genes During Development and Tumorigenesis", Database Medline, DN 99008337, Oncogene, 17(12): 1577-1585, 1998. Abstract.	
	32	Berg et al. "A Novel DNA Methyl Transferase I-Derived Peptide Eluted From Soluble HLA-A*0201 Induces Peptide-Specific Tumor Directed Cytotoxic T Cells", Dep.of Internal Medicine, Iowa (USA) & The Smoler Protein Center, Dep. of Biology, Haifa (IL), P. 1-40, 2003.	

Signature		Considered	

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